

A GEOPHYSICAL METHOD FOR QUANTIFICATION OF DENSE NON-AQUEOUS PHASE LIQUIDS IN THE SUBSURFACE

Abstract

The present invention is a method of calculating non-aqueous phase liquid saturation in a soil sample including the steps of measuring the bulk dielectric constant of the sample, measuring the bulk density of the sample, estimating the bulk porosity of the sample from the measured bulk density and calculating the non-aqueous phase liquid saturation from the measured bulk dielectric constant and the estimated bulk porosity.